

ROXBURY TOWNSHIP PUBLIC SCHOOLS
Landfill Gas Assessment

INDOOR AIR SAMPLING RESULTS
11/12/13 to 11/15/13

SCHOOL	SAMPLE DATE	SAMPLE LOCATION	HYDROGEN SULFIDE (H ₂ S)	SULFUR DIOXIDE (SO ₂)
Roxbury H.S.	11/13/13	Auditorium Stage	N.D.	N.D.
		Main Office	N.D.	N.D.
		Guidance Office	N.D.	N.D.
		Classroom P241	N.D.	N.D.
		Classroom P249	N.D.	N.D.
		Ambient	N.D.	N.D.
Roosevelt M.S.	11/14/13	Main Office	N.D.	N.D.
		Women Teachers Room	N.D.	N.D.
		Room #214	N.D.	N.D.
		Ambient	N.D.	N.D.
Jefferson E.S.	11/15/13	Nurses Room	N.D.	N.D.
		Room #15	N.D.	N.D.
		Computer Room	N.D.	N.D.
		Ambient	N.D.	N.D.

N.D. = Non-detectable

All results are in parts per billion (ppb)

Results are rounded to the nearest whole number

Sample Date is the date on which the 24-hour sample was completed

In conjunction with the 24-hour canister sampling, the Department of Health (DOH) is utilizing Jerome J605 portable handheld meters for detecting hydrogen sulfide (H₂S) gas. The H₂S readings are being taken each time the 24-hour canisters are placed and again when the canisters are collected. The H₂S readings are being taken in each room where a canister is placed and in hallways and corridors in the vicinity of these rooms, as well as outside the building. During this week of sampling there were detectable levels of H₂S measured in the ambient air on November 13th and 14th. On November 13th, H₂S was detected in the ambient air outside the Roxbury H.S. and the Roosevelt M.S. at 3.3 ppb and 3.0 ppb, respectively. On November 14th, H₂S was detected in the ambient air outside the Roosevelt M.S. and the Jefferson E.S. at 3.0 ppb and 3.7 ppb, respectively. There were no detectable levels measured inside the schools on either day. There were no odors of H₂S noted and there were no reports of odor complaints by school staff on either day. No detectable levels of H₂S were measured in any other locations.